

DON GROUT ADD

PRODUCT DETAILS

DON GROUT ADD: - It is a non-shrinkage expanding grout admixture with a super plasticizing action designed for use with ordinary Portland cement. When added to cement or (Sand / Cement) DON GROUT ADD produces a controlled expansion which greatly reduces the problems of settlement, bleed and shrinkage during setting which can lead to poor bonding and adhesion to surrounding materials. The product is ideally suited for grouting and in- filling where a non- shrink, free-flowing product is required. It is conforming to ASTM-C-827-87

STORAGE: - Protect from frost and store under dry warehouse condition at a temperature between 0^o C and 60^o C

SHELF LIFE: - 12 months.

TECHNICAL INFORMATION:-

Typical Expansion Properties @ 20 ^o C (ASTM) C827-87 1:1-Sand/OPC-0.43 water / OPC -0.43	
DON GROUT ADD 200 gm per 50 Kg OPC	+0.5-1.5 %
Control (No DON GROUT ADD)	-0.55%

USES: - 200 gm of DON GROUT ADD when added to 50 Kg of ordinary Portland cement will require approx. 20 liters of water, the yield of grout being approx. 25 liters and for cement concrete used 1 kg per bag of cement.

Note:- for leaner grout mixes , where the aggregate / cement ratio exceeds 1:1 then 2x200 gm of DON GROUT ADD should be used per 50 Kg of Ordinary Portland Cement.

APPLICATION INSTRUCTIONS:-

SURFACE PREPARATIONS:- The surface should be clean, sound and free from contamination. Concrete and mineral surface should be thoroughly saturated with clean water and surplus water removed prior to grout application.

MIXING: - DON GROUT ADD {Powder-Form} should be added to the pre – mixed sand / cement (or cement only) and the mixed material gradually added to the water mixing thoroughly by mechanical means for between 3 and 5 minutes and placed as soon as possible. If DON GROUT ADD (liquid form) should be added to the water. Never use directly in cement / coarse sand. Uses same 200 gm in one bag of cement.

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APPLICATION: - DON GROUT ADD can be applied normally at temperature between 0⁰ C and 60⁰ C. The pouring side should be raised by means of a hopper or grout box to maintain a minimum 150 mm head or grout at all times.

WORKING TIME: - Following mixing, material should be placed within 30 minutes.

PACK: - 200 gm in powder form and 25 Kg. pack.

CURING: - Protect any exposed grouts from sever weather conditions during the early stages of cure by the use of wet hessian, plastic sheeting, and water- spray application.

CLEANING: - All equipment and tools should be rinsed with water immediately after use and use and then dried.

WORKING CONDITIONS: - Grouting should not take place if the temperature is 5⁰ C and falling. The use of warm water is recommended at low temperature to accelerate. Always use cold water above 5⁰C.

HEALTH & SAFETY: - Consult the appropriate material safety data sheet prior to using DON GROUT ADD.

GENERAL GUIDENCE: - This data sheet is for general guidance purpose only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from Technical Department.

TECHNICAL COLLABORATION WITH



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